Herbert 1651

# *SPECULUM ANNI*
## *ab Incarnatione Verbi.*

OR

## A New ALMANACK

and Prognostication for this present year, from the nativity and birth of Jesus Christ,

1651.

Being the third after Bissextile *or Leap-yeare.*

Calculated and composed for the Meridian of *London*, but for the Latitude of 52 Degr. being somwhat more North then the Latitude under which the Citie is scituate.

BY

THOMAS HERBERT

*Philo-mathematicus.*

Furnished and replenished, with severall and divers Astronomicall, and other usefull rules, observations, and calculations; together with some Astrologicall judgements of the state of the year, framed and composed by the said Author.

LONDON,

Printed by *Gartrude Dawson*, for the Company of *Stationers.*

BIBLIOTHECA

The common and vulgar notes of the *Iulian* account, here used in *England* for this *Yeare* 1651.

| | | |
|---|---|---|
| The Golden Number | | XVIII. |
| The Circle of the Sunne | | VIII |
| The Epact | | XVIII. |
| The Dominicall Letter | | E |
| From the nativity of Christ to *Shrove-sunday*, 6 weeks and 4 daies. | | |
| Easter day | *March* | 30. |
| Ascension day. | | |
| Whitsunday | *May* | 18. |
| Advent Sunday. | *November* | 30. |
| Sundaies after Trinity. | | 26. |

Of the foure Termes of this Year 1651.

*Hillary Terme beginneth the* 23 *of* January, *and endeth* February *the* 13.

*Easter Terme beginneth* April *the* 16. *and endeth* May *the* 12.

*Trinity Terme beginneth the* 30. *of* May, *and endeth* June *the* 18.

*Michaelmas Terme beginneth the* 23. *of* October, *and endeth* November *the* 28.

# The Radices of the middle motions of the Planets, calculated from the new Tables of *I. Bulhaldus*, for the Meridian of the first of January 1651, *and reduced to the* Meridian of LONDON.

| | S | D | |
|---|---|---|---|
| The middle lougit. of ☉ from the Æquinoct. | 9. | 26.51. | 8 |
| The Apogeum of the Sunne | ♎ | 6.22.49 | |
| The middle longit. of ☽ from the Æquinoct. | 5. | 18.00.32 | |
| The Apogæum of the Moon | ♋ | 13.43.11 | |
| The North Node of the Moon | ♉ | 4.25.39 | |
| The middle Longit. of ♄ from the Æquinoct. | 3. | 10. 9. | 4 |
| The Aphelium of Saturn | ♐ | 27.34.56 | |
| The North Node of Saturn | ♋ | 20.52.26 | |
| The middle Longit. of ♃ from the Æquinoct. | 7 | 28.55. | 0 |
| The Aphelium of Jupiter | ♎ | 9.15.39 | |
| The North Node of Jupiter | ♋ | 8.57.55 | |
| The middle Longit. of ♂ from the Æquinoct. | 5 | 7.50.37 | |
| The Aphelium of Mars | ♍ | 0. 5.35 | |
| The North Node of Mars | ♉ | 17.24.44 | |
| The middle Longitude of ♀ in her Orbe | 3 | 1.20.58 | |
| The Aphelium of Venus | ♒ | 6. 5.22 | |
| The North Node of Venus | ♊ | 14.32.46 | |
| The middle Longitude of ☿ in his Orbe | 9 | 12. 5. | 9 |
| The Aphelium of Mercurie | ♐ | 13. 4.41 | |
| The North Node of Mercurie | ♓ | 13.50.21 | |
| The precession of the Æquinoctiall, or The progresse of the first star of Aries | ♉ | 28.19.27 | |
| The Obliquitie of the Ecliptick | ♉ | 23.31.54 | |

*Nunc rectò currunt erratica Corpora mundi,*
*Est ubi stare solent, retrò quandoque rotantur,*
*Æquali motu, nec sistunt flectere cursum.*

## The names and Characters of the 12 Signes of the *ZODIACK*, with a Description of what part, or member of the Body each Sign governeth, according to *Astrologers*.

♈ Aries, head and face
♉ Taurus, neck and throat
♊ Gemini, armes & shoulders
♋ Cancer, breast & stomach
♌ Leo, heart and back
♍ Virgo, bowels and belly
♎ Libra, reins & loins
♏ Scor. secret memb.
♐ Sagitarius, thighs
♑ Capricornus, knees
♒ Aquarius, Legs
♓ Pisces, the feet

## The Names and Characters of

*The Seven Planets.*

♄ Saturne
♃ Jupiter
♂ Mars
☉ Sol, The Sun
♀ Venus
☿ Mercurie
☽ Luna, The Moon

*The Aspects.*

☌ Conjunction.
⚹ Sextile.
□ Square.
△ Trine.
☍ Oppoſition.

The North node of the Moon, (as alſo of the reſt of the Planets) vnlgarly called (by *Aſtonomers*) *the Dragons head*, is thus charactered (☊.)

The South node of the Moon (or of the other Planets) called the *Dragons taile*, thus (☋.)

The bright Planet *Venus* hath been our evening ſtar from the 20 of *April* the laſt yeat 1650, and ſo continued all the reſt of the year, and ſo will continue untill the third of *February* this year 1651, at which time ſhe becomes Orientall, and will be our Morning ſtar untill the 17 of *November*; And upon the 15 of *April* this year ſhe will be elongated from the Sun 46 degrees, 21 minutes, being her greateſt Orientall diſtance from the Sunne this yeare.

# January hath xxxj. dayes.

Last quarter the 4. day, 15 min. past 8 at night.
New Moon the 11 day 55 min. past noon.
First quarter the 18 day, 18. min. past 11 before noon
Full moon the 26. day, 54. min. past 3. afternoon.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | a | New yeare. | ♍ | 12 | 32 | △ ☿ ☽ 6 n | | ☽ with ♑ |
| 2 | b | ♄ 10 31 ♋ | | 24 | 52 | △ ☉ ☽ 6 m | | Wind and |
| 3 | c | ♃ 3 16 ♐ | ♎ | 7 | 23 | □ ♄ ♂ ♂ ☽ n | | storm |
| 4 | d | ♂ 13 27 ♎ | | 20 | 14 | □ ☿ ☽ at noon | | ♂ ☉ ☿ 7 n |
| 5 | e | ☉ 25 28 ♍ | ♏ | 3 | 26 | □ ♄ ☽ m n | | ☿ occident. |
| 6 | f | Epiph. day | | 17 | 2 | ▨ ☿ ☽ m n | | Winds with |
| 7 | g | ♀ 22 5 ♓ | ♐ | 1 | 5 | □ ♀ ♂ ♃ ☽ a | | rain or ſno. |
| 8 | a | ☿ 27 0 ♍ | | 15 | 34 | ▨ ♂ ☽ 10 b | | ▨ ♃ ☿ 5 m |
| 9 | b | ♄ 9 57 ♋ | ♍ | 0 | 25 | ▨ ☿ ☽ 4 a | | Windy we- |
| 10 | c | ♃ 4 29 ♐ | | 16 | 35 | ♂ ♄ ☽ m □ ♂ ☽ o | | ther moſt of |
| 11 | d | ♂ 15 44 ♎ | ♒ | 0 | 51 | ♂ ☉ ☿ ☽ a ▨ ♃ ☽ | | theſe daies |
| 12 | e | Epiph. Aq. | | 16 | 3 | △ ♂ ☽ at noon | | ▨ ♃ ☉ 2 m |
| 13 | f | Hilary. | ♓ | 1 | 0 | ♂ ♀ □ ♃ ☽ n | | ☽ with ♌ |
| 14 | g | ☉ 4 38 ♒ | | 15 | 32 | △ ♄ ☽ 2 m | | rain or ſuo. |
| 15 | a | ♀ Retrogr. | | 29 | 36 | △ ♃ ▨ ☉ ☽ n | | △ ♂ ☿ 9 n |
| 16 | b | ☿ 10 36 ♒ | ♈ | 13 | 11 | □ ♄ ☽ m ♂ ♂ ☽ n | | wind and |
| 17 | c | ♄ 9 23 ♋ | | 26 | 18 | | | ſtor. of rain |
| 18 | d | ♃ 5 46 ♐ | ♉ | 9 | 2 | ▨ ☉ ▨ ♄ ☽ n | | or ſnow |
| 19 | e | ♂ 17 17 ♎ | | 21 | 31 | | | cold rain or |
| 20 | f | Oct. Hilla. | ♊ | 3 | 29 | □ ☿ b ☍ ♂ ☽ n | | ſnow winde |
| 21 | g | ☉ 11 45 ♒ | | 15 | 26 | △ ♂ ☿ ☽ n | | ot dark; |
| 22 | a | ☿ 2 9 ♓ | | 27 | 18 | △ ☿ ☽ 9 n | | fair weath |
| 23 | b | Term beg. | ♋ | 9 | 9 | ♂ ♄ ☽ 11 b | | ♂ ☿ ☿ 8 b |
| 24 | c | ☿ 24 51 ♒ | | 11 | 2 | □ ♂ ☽ 9 b | | ſhow of rain |
| 25 | d | Conv. Paul | ♌ | 3 | 0 | △ ♃ ☽ 7 n | | or ſnow |
| 26 | e | ♄ 8 49 ♋ | | 15 | 2 | ☍ ☉ ▨ ☿ ☽ n | | △ ♂ ☉ 4 a |
| 27 | f | Quind. Hil. | | 27 | 11 | □ ♃ ▨ ♄ ☽ b | | Warm for |
| 28 | g | ♃ 7 11 ♐ | ♍ | 9 | 29 | | | the time of |
| 29 | a | ♂ 20 2 ♎ | | 28 | 55 | | | the year |
| 30 | b | ☉ 20 52 ♒ | ♎ | 4 | 29 | ▨ ♃ □ ♄ ☽ n | | ▨ ♃ ☿ 5 a |
| 31 | c | ☿ 17 49 ♒ | | 17 | 14 | ♂ ♂ △ ☉ ☽ n | | Windy wea |

# February hath xxviij. dayes.

Last quarter the 3 day, 7 min past 8 in the morning.
New moone the 9 day, 25 min. past 11 at night.
First quarter the 17 day, 39 min. past 5 in the morning.
Full moon the 25 day, at 9 in the morning.

| M.D | W.D | The places of Planets and Festival daies | The place of the Moon. | The Aspects of the Moon with the Planets. | The Aspects of Planets, the inclinat. of air. |
|---|---|---|---|---|---|
| 1 | D. | ♀ 8 53 ♓ | ♏ 0 15 | ☽ ☋ △ ♀ ☽ 6 m. | △ ♄ ☿ 0 m. |
| 2 | ● | Pur of Ma | 13 23 | △ ♄ ☿ ☽ m. | Cold rain |
| 3 | f | Craft Puri. | 26 53 | □ ☉ ♀ ☽ b | or snow. |
| 4 | g | ♄ 8 22 ♋ | ♐ 10 44 | ☌ ♃ b. □ ☿ ☽ a. | much moist. |
| 5 | a | ♃ 8 11 ♐ | 24 56 | ▨ ♀ ☉ ☽ a. | this time. |
| 6 | b | ♂ 21 2 ♎ | ♑ 9 29 | ☍ ♄ b. ▨ ☿ ☽ n. | ☌ ☉ ♀ 4 m. |
| 7 | c | ♀ 23 35 | 14 19 | □ ♂ ☽ 6 m. | ♀ Oriental. |
| 8 | D | ☉ in Pisces | ♒ 9 18 | ▨ ♃ ☽ 10 b | dark aire, |
| 9 | ● | Shrovesun. | 24 16 | △ ♂ ☌ ♀ ☽ b. | ☿ greatest |
| 10 | f | ☿ 19 46 ♓ | ♓ 9 6 | △ ♄ □ ♃ ☽ b. | dist. from ☉ |
| 11 | g | ♄ 8 8 ♋ | 23 38 | ☌ ☿ ☽ 6 m | fair weath. |
| 12 | a | ♂ Retrogr. | ♈ 7 44 | □ △ ♃ ☽ a. | △ ♂ ♁ 9 n. |
| 13 | b | Term ends | 21 2[illegible] | ▨ ♀ ☍ ♂ ☽ b. | show. & va- |
| 14 | c | Valentine. | ♉ 4 36 | ▨ ☉ a ▨ ♄ ☽ n | riable weat. |
| 15 | D | ♃ 9 1 ♐ | 17 2 | □ ♀ a ▨ ☿ ☽ 8 u. | ☽ with ☊ |
| 16 | ● | ♂ 2[illegible] 6 ♎ | 23 4[illegible] | ☿ Retrograde. | rain-like, |
| 17 | f | ☉ 9 0 ♓ | ♊ 11 5[illegible] | □ ☉ ☍ ♃ ☽ m | windy, |
| 18 | g | ♀ 18 42 ♒ | 23 55 | △ ♀ □ ☿ ☽ m. | △ ♄ ☉ noon |
| 19 | a | ☿ 20 18 ♓ | ♋ 5 45 | ☌ ♄ a △ ☉ ☽ 11 n | □ ♃ ☉ 9 n. |
| 20 | b | ♄ 7 57 ♋ | 17 35 | △ ☿ a □ ♂ ☽ n. | stormes of |
| 21 | c | ♃ 9 8 ♐ | 29 1[illegible] | △ ♃ ☽ 0 b ☍ ☿ ☽ | hail, or rain |
| 22 | D | ♂ 0 33 ♎ | 11 27 | ▨ ♂ ☽ 5 m. | better weat. |
| 23 | ● | ☉ 15 0 ♓ | 23 3[illegible] | ▨ ♄ a □ ♃ ☽ n. | rain, or sno. |
| 24 | f | Matthias | ♍ 5 5[illegible] | ♀ dire ☍ ☿ ☉ ☽ | fair weathe. |
| 25 | g | ♀ 17 51 ♒ | 18 2[illegible] | □ ♄ ☽ m n. | rain, |
| 26 | a | ♄ Direct | ♎ 1 1[illegible] | ▨ ♃ m △ ♀ ☌ ♂ | ☌ ☉ ☿ 6 m. |
| 27 | b | ☿ 12 22 ♓ | 14 [illegible] | (☽ n. | wind, raine, |
| 28 | c | ♄ 7 55 ♋ | 27 9 | ☽ with ☊ | scarce faire. |

# March hath xxxi. dayes.

Last quarter the 4 day, 48 min. past 4 in the afternoon
New moon the 11. day, 28 min. past 10 before noon.
First quarter the 19. day, 8 min. before 1 in the morn.
Full moon the 16 day, 19 min. past 11 at night.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | D | ♃ | 10 | 57 | ♐ | 10 | 25 | △♄ b △☿☽ o | □♃☿ 5 m |
| 2 | E | ♂ | 19 | 13 | ♑ | 23 | 51 | □☿ m △⊙☽ b | high winds |
| 3 | f | ⊙ | 22 | 59 | ♓ | 7 | 22 | □☿☌♃☽ a | warm show. |
| 4 | g | ☿ | 18 | 56 | ♒ | 21 | 18 | ▨☿▨☌b□⊙☽ | △☌☿ 4 m |
| 5 | a | ☿ | 7 | 57 | ♓ | 5 | 20 | ☌♄▨☿☽ 4 a | △♄☿ noon |
| 6 | b | ♄ | 8 | 0 | ♋ | 19 | 35 | □☌b ▣⊙☽ n | fair weather |
| 7 | c | ♃ | 10 | 18 | ♐ | 3 | 54 | ▨♃☽ 10 n | stormy wea. |
| 8 | D | ♂ | 17 | 46 | ♑ | 18 | 31 | △☌ b ☌☽ a | fair or warm |
| 9 | E | ☿ | Direct. | | | 2 | 55 | ☌☿△♄ n □♃ | △♄☿ 6 n |
| 10 | f | ⊙ | in Aries | | | 17 | 28 | (☽ m n | stormy wea. |
| 11 | g | ☿ | 21 | 35 | ♒ | 1 | 42 | ☌⊙ b □♄☽ n | □♃☿ 16 |
| 12 | a | ☿ | 7 | 36 | ♓ | 15 | 44 | △♃ m ☌☌♃▨ | □♄⊙ m n |
| 13 | b | ♄ | 8 | 8 | ♋ | 29 | 10 | (☿☽ n | △⊙♃ 21 n |
| 14 | c | ♃ | 10 | 25 | ♐ | 12 | 31 | ☽ with ♌ | ☌☌⊙ 1 a |
| 15 | D | ♂ | 15 | 36 | ♑ | 25 | 20 | ▨♄▨☿☽ 4 m | the 18, or 19. |
| 16 | E | ♃ | Retrogr | | ♊ | 7 | 49 | □☿☽ 8 b (☽ a | stormy wea. |
| 17 | f | ⊙ | 6 | 50 | ♈ | 20 | 1 | ▨⊙ b □☿☌♃ | April, 23. |
| 18 | g | ☿ | 15 | 34 | ♒ | 2 | ● | △☌m △☿☽ n | the Planet |
| 19 | a | ☿ | 11 | 21 | ♓ | 13 | 52 | ☌♄□⊙☽ m n | ☿ is elonga |
| 20 | b | ♄ | 8 | 12 | ♋ | 25 | 41 | △☿ b □☌☽ a | ted from |
| 21 | c | ♃ | 10 | 22 | ♐ | 7 | 35 | △♄ 5 a △⊙☽ | the Sunne, |
| 22 | D | ☌ | 13 | 11 | ♑ | 19 | 33 | ▨☌☽ 1 m (7 n | 27 degrees, |
| 23 | E | Palm Sund. | | | ♍ | 1 | 45 | ○☍☿☽ 6 m | 58 minnts |
| 24 | f | ☿ | 19 | 39 | ♒ | 14 | 11 | □♄m □♃ b ☌ | ☽ with ♈ |
| 25 | g | Ann Mary | | | | 26 | 53 | (☿☽ a | fair for the |
| 26 | a | ☿ | 6 | 47 | ♓ | 9 | 51 | □♄▨♃☌☌☌ | most part, to |
| 27 | b | ♄ | 8 | 41 | ♋ | 23 | 7 | (⊙☽ | the end of |
| 28 | c | ♃ | 10 | 10 | ♐ | 6 | 37 | △☿ m △♄☽ a | this month |
| 29 | D | ☌ | 10 | 34 | ♑ | 0 | 19 | △☿☽ 2 a (☽ n | ▨♃☌ 6 a |
| 30 | E | Easter day. | | | ♈ | 4 | 11 | □☿ o ☌♃▨☌ | some alte- |
| 31 | f | ⊙ | 20 | 34 | ♈ | 17 | 30 | △⊙ a □☿☽ n | ration. |

# April hath xxx. dayes.

Last quarter the 2. day, 14 min. past 11 at night.
New moon the 9 day, at 10 at night.
First quarter the 17 day, 39. min. past 7. at night.
Full moon the 25. day, 55 min. past 10 in the morning.

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | g | ♀ 6 2 ♓ | ♍ | 2 13 | ▨♀☍♄☽ u. | ⊡♂☽ m. n. |
| 2 | a | ☿ 26 27 ♓ | | 16 19 | □☉☽ 11 n. | □♄♂ 5 a. |
| 3 | b | ♄ 9 6 ♋ | ♒ | 0 25 | ▨☿☽ 7 b. | Tempestu. |
| 4 | c | ♃ 9 51 ♐ | | 14 34 | △♂ m ▨♃☽ b. | weather. |
| 5 | d | ♂ 8 9 ♎ | | 28 41 | ▨☉☽ 6 b | fair, cold |
| 6 | e | ☉ 26 25 ♈ | ♓ | 12 45 | △♄☌☿□♃ | rain, good |
| 7 | f | ♀ 11 21 ♓ | | 26 43 | (☽ b | weather. |
| 8 | g | ☿ 5 12 ♈ | ♈ | 10 31 | ☌☿☽ m. ☍♂☽ | △♄♀ 2 m □ |
| 9 | a | ♄ 9 29 ♋ | | 24 7 | ☌☉☽ 10 n. | (♃☿ 6 a. |
| 10 | b | Sol in Tau | ♉ | 7 28 | ▨♄☽ 3 a. | △♃□♄☽ |
| 11 | c | ♃ 9 21 ♐ | | 20 29 | ▨♀☽ 1 m. | (10 b. |
| 12 | d | ♂ 6 6 ♎ | ♊ | 3 14 | △♂ a ☍♃☽ n. | ☍♂♀ 2 a. |
| 13 | e | ☉ 1 15 ♉ | | 15 42 | ▨☿ b □♀☽ a. | (☽☊ |
| 14 | f | Quin. Pasc | | 27 55 | ▨☉□♂ m ☌♄ | blust. weath |
| 15 | g | ♀ 18 49 ♓ | ♋ | 9 56 | (☽ b. | △♃☿ 3 □ |
| 16 | a | Term begi. | | 2 47 | □☿△♀☽ b. | (♄☿ 8 b. |
| 17 | b | ☿ 20 15 ♈ | ♌ | 3 39 | ▨♂ a □☉△ | Wind & rain |
| 18 | c | ♄ 10 12 ♋ | | 14 30 | (♃☽ n | Faire. |
| 19 | d | ♃ 8 39 ♐ | | 27 19 | △☿☽ 3 m. | ♀ in longest |
| 20 | e | ♂ 4 16 ♎ | ♍ | 9 39 | □♃☽ 9 b. | dist. from ☉ |
| 21 | f | Pres Pasc. | | 22 6 | ☍♀☽ 5 a | cloudy, dar |
| 22 | g | ☉ 11 56 ♉ | ♎ | 4 53 | ☌♂ b ▨♃☽ a. | [illegible] m. moist |
| 23 | a | ☿ 26 47 ♓ | | 18 1 | Saint George | △☉▨♄☽ |
| 24 | b | ☿ 3 58 ♉ | ♏ | 1 31 | ☍☿☽ 4 a | ▨♄☉ n. |
| 25 | c | Mark Evan | | 15 22 | △♀ b. ▨♂☽ n | show. abou |
| 26 | d | ♄ 10 54 ♋ | | 20 30 | ☌♃☽ m | these daies. |
| 27 | e | ♃ 7 5 ♐ | ♐ | 13 5 | □♀ a □♂☽ n. | fair warme |
| 28 | f | Mens. Pasc. | | 28 19 | ☍♄ b △☿☾ a | ☽ with ☋ |
| 29 | g | ♂ 3 34 ♎ | ♑ | 11 47 | ▨♀ a. △♂ n. | ▨♄☿ 6 a |
| 30 | a | ☉ 19 39 ♉ | | 27 12 | | variable |
| | | | | | | ☍♂♀ 2 m |

# May hath xxxj. dayes.

Laſt quatter the 2 day, 45 min. paſt 4 in the morning.
New moon the 9 day, 47 min. paſt 10 before noon.
Firſt quarter the 17 day, 55 min. after noon.
Full moon the 24 day, 55 min. paſt 7 after noon.
Laſt quarter the 31 day, 40 min. paſt 10 before noon.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | b | Phil & Iac. | ♒ | 1 25 | □☿☉☽ *m.* | | ☌☉☿ *n.* |
| 2 | c | ☿ 6 5 ♈ | | 25 29 | □♃ *b.* △♄☽ *a.* | | △♃☿ 11 *b.* |
| 3 | d | ☿ 13 14 ♉ | ♓ | 9 24 | ▨☉☿☽ *a.* | | Like to rain |
| 4 | e | Rogation. | | 23 5 | ☌☌△♃☌☿ | | fair & good |
| 5 | f | Qu n. Paſc. | ♈ | 6 35 | (□♄☽ | | weath theſe |
| 6 | g | ♄ 11 51 ♋ | | 19 57 | ☽ with ♌ | | daies. Rain, |
| 7 | a | ♃ 6 38 ☥ ♉ | | 3 8 | ▨♄☽ 4 *m.* | | unſeaſonab. |
| 8 | b | Aſc. Dom | | 16 6 | ☌☉☽ *b* △☌☽ *n* | | □♄☿ 13. |
| 9 | c | Craſt Aſc. | | 28 5 | ☌♃☌☿ *m.* ▨☿ | | windy wea- |
| 10 | d | ☌ 3 52 ♎ | ♊ | 11 26 | (☽ *a.* | | ther moſt of |
| 11 | e | ☉ in Gem | | 23 47 | □☌☽ 8 *b.* | | theſe daies. |
| 12 | f | Term ends | ♋ | 5 59 | ☌♄☽ 1 *m.* | | △☌☿ 11 *b.* |
| 13 | g | ☿ 17 56 ♈ | | 17 59 | ▨☉ *a.* ▨☌△ | | he 12 & 13 |
| 14 | a | ☿ 16 3 ♊ | | 29 53 | (♃☽ *n.* | | cloudy, dark |
| 15 | b | ♄ 12 51 ♋ | ♌ | 11 44 | ▨☿ *m* △☿☽ *b* | | □☿☽ moon. |
| 16 | c | ♃ 5 33 ☥ | | 23 35 | □♃ *b* □☉☽ *a.* | | dry winds |
| 17 | d | ☌ 4 47 ♎ | ♍ | 5 32 | ▨♄☽ 3 *m.* | | theſe 2 days |
| 18 | e | Whitſund. | | 17 39 | □☿ *m* ▨♃☌☌ | | ſome moiſt. |
| 19 | f | ♊ 7 5 ♌ | ♎ | 0 4 | (☽ *n* | | △☌☉ 13. |
| 20 | g | ☿ 25 39 ♈ | | 12 49 | △☉ *m.* □♄☽ *a* | | ☌♃☉ *m.n.* |
| 21 | a | ☿ 27 31 ♊ | | 25 58 | ☌☿△☿☽ *a.* | | ▨☿☿ 10. *n.* |
| 22 | b | ♄ 13 37 ♋ | ♏ | 9 34 | △♄☽ 7 *a.* | | Heat if no |
| 23 | c | ♃ 4 41 ☥ | | 23 35 | ☌♃▨☌ *b.* ☌☉ | | thunder. |
| 24 | d | ☌ 6 1 ♎ | ☥ | 8 1 | (☽ *a.* | | ▨♃☌ 1 *a.* |
| 25 | e | Trin Sund. | | 2 44 | △☿ *m.* □☌☌ | | ☽ with ♉ |
| 26 | f | Craſt Trin | □ | 7 38 | (☿☽ *b* | | moſt pt fair |
| 27 | g | ☉ 5 30 | | 21 33 | ▨♃□☿ *b.* △☌ | | winds ſtir- |
| 28 | a | ☿ 4 37 | ♒ | 7 12 | (☽ *o.* | | ring up rain |
| 29 | b | ☿ 11 13 ♋ | | 11 5 | △☉☽ 4 *m.* | | □☌☿ 2 *m* |
| 30 | c | Term beg. | ♓ | 6 6 | □♃ *b.* ▨☿☽ *a.* | | fair & win- |
| 31 | d | ♄ 14 40 ♋ | | 19 59 | □☉☽ *b.* | | dy weather. |

# June hath xxx. dayes.

New moone the 8 day, 24 min. before 1 in the morn.
First quarter the 16 day, 56 min. past 3 in the morn.
Full moone the 23 day, 20 min. past 3. in the morning.
Last quarter the 29 day, 28 min. past 6 in the afternoon.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | ♃ | 3 | 37 | ♐ | ♈ | 3 | 33 | △♃ o | ☍♂☽ n | ♂♄♀ 10 b |
| 2 | f | Oct. Trin | | | | | 16 | 49 | □♄♀ b | ▨☉☽ n | Windes and |
| 3 | g | ♂ | 8 | 58 | ♑ | | 29 | 49 | ♂♀ b | ▨♄ a ▨♀ | showers, |
| 4 | a | ☉ | 23 | 8 | ♊ | ♉ | 12 | 39 | | (☽ n | ☽ with ☊ |
| 5 | b | ♀ | 13 | 43 | ♉ | | 25 | 17 | ☍♃ m | △♂☽ a | sudden |
| 6 | c | ♀ | 19 | 45 | ♋ | ♊ | 7 | 46 | ♂☉☽ m | n | show about |
| 7 | d | ♄ | 15 | 31 | ♋ | | 20 | 5 | □♂ b | ♂♄ a ▨♀ | this time, |
| 8 | e | ♃ | 2 | 50 | ♐ | ♋ | 2 | 17 | | (☽ n | ▨♄♀ m n |
| 9 | f | Quin. Trin. | | | | | 14 | 23 | ♂♀ m | △♃☽ mn | fair wea- |
| 10 | g | ♂ | 11 | 20 | ♑ | | 26 | 12 | ▨♂☽ 7 a | | ther, |
| 11 | a | ☉ in Canc | | | | ♌ | 8 | 16 | □♀☽ 3 a | | ▨♀☿ m n |
| 12 | b | ♀ | 21 | 47 | ♉ | | 10 | 7 | ▨☉ b □♃☽ a | | windes and |
| 13 | c | ☿ | 24 | 14 | ♋ | ♍ | 1 | 50 | ▨♄☽ 5 a | | raine, |
| 14 | d | ♄ | 16 | 23 | ♋ | | 13 | 56 | ▨☿ △♀ b | ▨♃ | wet, |
| 15 | e | ♃ | 2 | 9 | ♐ | | 26 | 2 | | (☾ n | ☽ with ♈ |
| 16 | f | Tref. Trin | | | | ♎ | 8 | 23 | ♂♂☽ 10 n | | stormy |
| 17 | g | ♂ | 14 | 0 | ♑ | | 21 | 4 | □♀☽ 7 a | | weather, |
| 18 | a | Term end. | | | | ♍ | 4 | 8 | △☉☽ 4 a | | ♂♃♀ 1 m |
| 19 | b | ☿ Retrogr. | | | | | 17 | 41 | △♄ b △☿☽ n | | temperate |
| 20 | c | ☉ | 8 | 22 | ♋ | ♐ | 1 | 43 | ☍♀ b ♂♃☽ o | | weather, |
| 21 | d | ♀ | 2 | 11 | ♊ | | 16 | 12 | ▨♂☽ 1 b | | fair wea- |
| 22 | e | ☿ | 24 | 35 | ♋ | ♍ | 1 | 6 | □♂♂♄ a ♂☿ | | ther, |
| 23 | f | ♄ | 17 | 34 | ♋ | | 16 | 15 | | (☽ m | □♄♂ noon, |
| 24 | g | Iohn Bap. | | | | ♒ | 1 | 9 | ▨♃ b △☽ a | | thunder, |
| 25 | a | ♃ | 1 | 21 | ♐ | | 16 | 30 | △♂☽ 1 a | | like to rain, |
| 26 | b | ♂ | 17 | 58 | ♑ | ♓ | | 27 | □♃ b □♀☽ n | | □♂☿ m n |
| 27 | c | ☉ | 15 | | ♋ | | 15 | 56 | △☍ b △♄ a | △ | thunder, or |
| 28 | d | ♀ | 10 | 21 | ♊ | ♈ | 0 | 0 | △♃☽ 2 a | (☿ n | wind. |
| 29 | e | Peter A[illegible] | | | | | 13 | 36 | □☉♄☍♂☽ n | | |
| 30 | f | ☿ | 20 | 28 | ♋ | | 26 | 49 | □☿☽ 1 m | ☾♌ | |

# Iuly hath xxxj. dayes.

New moon the 7 day, 8 min. paſt 3 in the afternoon.
Firſt quarter the 15 day, 24 min. paſt 4 in the afternoon.
Full moon the 22 day, 8 min. paſt 10 before noon.
Laſt quarter the 29 day, 1 min paſt 5 before noon.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | g | ♄ | 18 | 35 | ♋ | ♂ | 9 | 42 | ☐♄☉☿☽ b | ♂♄☉ 4 m |
| 2 | a | ♃ | 0 | 59 | ♐ | | 22 | 18 | ♂♃☽ 4 m | Hail, or rain |
| 3 | b | ♂ | 21 | 19 | ♐ | ♊ | 4 | 44 | ♂☿ a △♂☽ n | ♂☉☿ 2 m♂ |
| 4 | c | ☉ | 21 | 41 | ♋ | | 10 | 59 | ♂☿♑ 10 n | (♄☿ m n |
| 5 | d | ☿ | 18 | 35 | ♊ | | 9 | 6 | ♂♄ m □♂♂☉ | ſtormy wea. |
| 6 | e | ☿ | 16 | 43 | ♋ | ♋ | 11 | 9 | △♃☽ 3 m(☽ a | thun. light. |
| 7 | f | ♄ | 19 | 19 | ♋ | | 23 | 8 | ☐☿♂ m□♃☽ a | □♂☉ 7 a |
| 8 | g | ♃ | 0 | 44 | ♐ | ♌ | 5 | 3 | ☐☿☽ 8 n | winds ſtir- |
| 9 | a | ♂ | 24 | 23 | ♓ | | 16 | 57 | □☿☽ 9 n | ring up rain. |
| 10 | b | ☉ | 27 | 24 | ♋ | | 28 | 51 | ☿ dire. ☐☉♃☽ | fair weather |
| 11 | c | ☿ | 25 | 40 | ♊ | ♍ | 10 | 46 | □☿♑ b □♄☽ a | △♂☿ 3 m |
| 12 | d | ☿ | 14 | 51 | ♋ | | 21 | 47 | ♂♂♑ b △☿□☉ | ſhowers |
| 13 | | ☽ | 1 | Lco. | | ♎ | 4 | 55 | (☽ a | △♃☉ 8 n |
| 14 | f | ♄ | 20 | 13 | ♋ | | 17 | 19 | △ ☿☽ 4 a | good weath |
| 15 | g | Swithin. | | | | | 29 | 58 | △♄m ♂♃☽ a | And now |
| 16 | a | ♃ | 0 | 36 | ♐ | ♏ | 12 | 54 | △☉☽ 2 m | make Hay |
| 17 | b | ♃ | Direct. | | | | 26 | 19 | ☐♂☽ 8 n | while the |
| 18 | c | ♂ | 29 | 13 | ♓ | ♐ | 10 | 13 | ♂☿☽ 6 b | Sun ſhines. |
| 19 | d | ☉ | 6 | 0 | ♌ | | 14 | 35 | ♂☿♄ b ☐♃□ | Fair weath. |
| 20 | | ☿ | 6 | 24 | ♋ | ♑ | 9 | 28 | (♂☽ | ſome altera |
| 21 | f | ☿ | 18 | 26 | ♋ | | 24 | 35 | ♂☉☽ 10 b | fair weather |
| 22 | g | ♄ | 21 | 15 | ♋ | ♒ | 9 | 33 | □♃△♂☽ n | wind, & rain |
| 23 | a | ♃ | 0 | 40 | ♐ | | 25 | 9 | △☿☽ 1 a (☽ | ☿ in great- |
| 24 | b | ♂ | 2 | 35 | ♏ | ♓ | 10 | 12 | △♄☿☽ b △♃ | eſt elongit. |
| 25 | c | | James Ap. | | | | 24 | 53 | △☉a□☿☽ n | from ☉. |
| 26 | d | ☉ | 11 | 42 | ♌ | ♈ | 9 | 8 | □♄b □☿☽ a | ♂♄☿ 10 b |
| 27 | | ☿ | 4 | 48 | ♋ | | 22 | 54 | ♂♂☽ 9 b | ☽ with ♌ |
| 28 | f | ☿ | 27 | 17 | ♋ | ♉ | 6 | 11 | □☉■☿ b ☒♄ | like to rain, |
| 29 | g | ♄ | 22 | 7 | ♋ | | 19 | 7 | (☽ a | △♃☿ 6 a |
| 30 | a | ♃ | 0 | 50 | ♐ | ♊ | 1 | 41 | ☒☿♂♃☽ b | fair & good |
| | b | ♂ | 6 | 38 | ♏ | | 13 | 59 | ☒☉☽ 8 n | weather. |

# August hath xxxj. dayes.

New moon the 6 day, 29 min. past 6 in the morn.
First quarter the 14 day, 40. min. past 2 in the morning.
Full moon the 20 day 32 min. past 5 at night.
Last quarter the 27 day, 27 min. past 6 afternoon.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | c | Lam mas | ♍ | 26 | 7 | △☽ 11 *b.* | | ☌♄☿ *m.n.* | |
| 2 | d | ☉ 19 25 ♌ | ♎ | 8 | 7 | ☌♄☿☽ *a.* | | the 2, and 3. | |
| 3 | e | ☿ 23 14 ♎ | | 20 | 3 | △♃☽ 10 *b.* | | days sudden | |
| 4 | f | ☿ 9 8 ♌ | ♌ | 1 | 57 | □☽☌☿☽ *m.* | | showers. | |
| 5 | g | ♄ 22 57 ♎ | | 13 | 51 | ☌☉*b*□♃☽*n.* | | thun. & for. | |
| 6 | a | ♃ 1 8 ♐ | | 25 | 48 | ▨☽☽ 6 *a.* | | □☽☿ 9 *b.* | |
| 7 | b | ♂ 10 47 ♏ | ♍ | 7 | 46 | ▨♄☽ 7 *n.* | | good harve. | |
| 8 | c | ☉ 15 11 ♌ | | 19 | 49 | ▨☿♃☽ *b.* | | weather, for | |
| 9 | d | ☿ 0 32 ♌ | ♎ | 1 | 58 | ▨☿□♄▨☉☽ | | many daies | |
| 10 | e | ☿ 10 45 ♌ | | 14 | 16 | □☿*m.*☌☽*n.* | | together. | |
| 11 | f | ♄ 23 39 ♎ | | 26 | 41 | △♄*a*□☿☽ *n.* | | △♃☿ 4 *m.* | |
| 12 | g | ♃ 1 30 ♐ | ♏ | 9 | 25 | □☉☌♃*m.* △ | | ☽ with ♐ | |
| 13 | a | ☉ in Virgo | | 22 | 24 | (☿☽*a.* | | hot weath. in | |
| 14 | b | ☽ 15 4 ♏ ♐ | | 5 | 15 | △☉☿☽ 10 *b.* | | these daies, | |
| 15 | c | ☉ 1 56 ♏ | | 19 | 30 | ▨☽*b.*☽♄☽ *n.* | | some wind, | |
| 16 | d | ☿ 9 4 ♌ | ♍ | 3 | 4 | ▨♃☽ 10 *b.* | | □♃☉ *b* □ | |
| 17 | e | ☿ 4 56 ♍ | | 18 | 15 | ☽☿*m* □☽☽ *b.* | | (♃☿ 9 *n.* | |
| 18 | f | ♄ 24 26 ♎ | ♒ | 3 | 0 | □♃*b.* ☽ ☉☽*a.* | | ☌☽☿ 11 *b.* | |
| 19 | g | ♃ 2 6 ♐ | | 18 | 7 | ☽☿♍△☽*a* △ | | wet towa d | |
| 20 | a | ☽ 18 51 ♏ | ♓ | 3 | 26 | (♄☽ *n* | | the end of | |
| 21 | b | ☉ 7 45 ♍ | | 18 | 27 | △♃☽ 10 *b.* | | the month. | |
| 22 | c | ☿ 16 15 ♌ | ♈ | 3 | 11 | △☿□♄☽*mn* | | ☽ with ♌ | |
| 23 | d | ☿ 16 24 ♍ | | 7 | 21 | △☉*m.* □☿△ | | ▨☽☿ 10 *b.* | |
| 24 | e | ♁ Urtholm. ♉ | | 1 | 6 | (☿☽ *n.* | | ▨♄☿ 4*a.*□ | |
| 25 | f | ♄ 25 1 ♎ | | 14 | 53 | ☽☽*m* ▨♄ *b.* | | (☽☿*m n.* | |
| 26 | g | ♃ 2 50 ♐ | | 17 | 53 | (☽♃☽ *n.* | | from the 7 | |
| 27 | a | ☽ 13 25 ♏ | ♊ | 10 | 31 | □☉☽ 6 *a.* | | to the 31, | |
| 28 | b | ☉ 14 32 ♍ | | 22 | 50 | ▨☿□☿☽ *a.* | | subject to | |
| 29 | c | ☿ 25 1 ♌ | ♎ | 4 | 55 | ▨☉☽ 11 *b* | | much alte. | |
| 30 | d | ☿ 28 39 ♍ | | 16 | 51 | ☌♄△☽*b* ▨☿ | | ration. | |
| 31 | e | ♃ 25 48 ♎ | | 28 | 44 | (△♃☽ | | △♄☽ *m n.* | |

# September hath xxx. dayes.

New moone the 4. day, 12 min. past 11 at night.
First quarter the 13 day, 1. min. past 11 before-noon.
Full moone the 19. day, 36 min. past 2 morn.
Last quarter the 26. day, 21 min. past 11. beforenoon

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | f | ♃ | 3 | 29 | ♑ | ♌ | 10 | 36 | □☽☽ 10 *n*. ▨♃☿ 11 *b* |
| 2 | g | ♂ | 27 | 25 | ♏ | | 21 | 30 | ☌☿*m*. □♃☽ *b*. clear, fair, |
| 3 | a | ☉ | 20 | 23 | ♍ | ♍ | 4 | 29 | ☌☉☽ 11 *n*. □♃☿ 7 *n*. |
| 4 | b | ☿ | 2 | 25 | ♍ | | 16 | 35 | ▨♄*b*. ▨☌*a* ▨ rain, |
| 5 | c | ☿ | 8 | 25 | ♎ | | 28 | 48 | (♄☽ *n*. fair, plea- |
| 6 | d | ♄ | 26 | 22 | ♋ | ♎ | 11 | 11 | ☌☿☽ 9 *b*. ſant weath |
| 7 | e | ♃ | 4 | 15 | ♐ | | 23 | 44 | □♄☽ 5 *a*. ☽ with ♈ |
| 8 | f | ♂ | 1 | 30 | ♑ | ♏ | 6 | 28 | ▨☿☽ 1 *a*. cloudy. |
| 9 | g | ☉ | 26 | 15 | ♍ | | 19 | 14 | △♄▨☉☽ 1 *m*. ▨♃☉ 9 *n*. |
| 10 | a | ☿ | | 9 | 51 | ♍ | ♐ | 2 | 34 | □☿*m* ▨☿☽ *a*. ☌☌ *o* ☌♃ |
| 11 | b | ☿ | 17 | 39 | ♎ | | 15 | 59 | □☉△☿*b*. □ (☽ *a*. |
| 12 | c | ♄ | 16 | 52 | ♋ | | 29 | 40 | (☿☽ *m n* ſome ſnow. |
| 13 | d | ☽ in Libra | | | | ♑ | 13 | 39 | ☌♄*b* ▨♃☌☽ fair afterno. |
| 14 | e | ♃ | 5 | 17 | ♐ | | 27 | 56 | (*m*. *n* ſome wind. |
| 15 | f | ♂ | 6 | 19 | ♐ | ♒ | 12 | 29 | △☿☽ 7 *m* ☌♄☌ |
| 16 | g | ☉ | 3 | 7 | ♎ | | 27 | 15 | □♃☌☽*m*☌☿*n* Not long |
| 17 | a | ☿ | 18 | 31 | ♍ | ♓ | 12 | 1 | △♄☽ 1 *a* from hence, |
| 18 | b | ☿ | 17 | 33 | ♎ | | 26 | 45 | ☌☉△♃*m* △ ere ſome |
| 19 | c | ♄ | 27 | 15 | ♋ | ♈ | 11 | 1. | (☌☽ *b*. great man |
| 20 | d | ♃ | 6 | 11 | ♐ | | 25 | 35 | □♃☽ 2 *a*. dies ☉ |
| 21 | e | Matth. Ap. | | | | ♉ | 9 | 29 | △☿*a* ▨♄☽ *n*. hot ru bul |
| 22 | f | ♂ | 11 | 13 | ♐ | | 22 | 49 | ☌♃ *a*. △☉☌ □♄☿ 8 *b*. |
| 23 | g | ☉ | 10 | 1 | ♎ | ♊ | 6 | 4 | (☌☽ *n*. ▨♃☉ 11 *b* |
| 24 | a | ♆ | 27 | 13 | ♍ | | 18 | 47 | □☿*m*. △☿☽ *n*. ☽ w th ♌ |
| 25 | b | ☿ | 6 | 30 | ♍ | ♋ | 1 | 50 | □☉☽ 11 *b*. dark, windy |
| 26 | c | ♄ | 27 | 54 | ♋ | | 13 | 17 | ☌♄☽ 5 *a* windy, fair, |
| 27 | d | ♃ | 7 | 21 | ♐ | | 25 | 13 | ▨☿ *m* △♃□ wind & rain |
| 28 | e | ♂ | 15 | 30 | ♐ | ♌ | 7 | 4 | (☿ *a*. ▨♃☿ 11 *n* |
| 29 | f | Mich. Arch. | | | | | 9 | 23 | ▨☉△☌☽ *m*. fair weathe. |
| 30 | g | ☉ | 16 | 57 | ♎ | ♍ | 0 | 43 | warm weat. |
| | | | | | | | | | ▨☌☉ 11 *b* |

# October hath xxxj. dayes.

New moon the 4 day, 45 min past 1 in the afternoon.
First quarter the 11 day, 15 min. past 6 in the af ern.
Full moon the 18 day, 1 min. past 2 in the afternoon.
Last quarter the 26 day, 19 min past 7 in the afternoon

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | a | ♀ 5 58 ♎ | ♍ | 12 48 | □♃ m ⊠♀ o □ ☿ | longest |
| 2 | b | ☿ 14 0 ♏ | | 24 49 | (♂☽ n | d.st. from ☉ |
| 3 | c | ♄ 28 18 ♋ | ♎ | 7 24 | ⊠♄☽ 6 n | most pt fair |
| 4 | d | ♃ 8 38 ♐ | | 20 2 | ⊠♃ ☌♀☽ 2 a | ⊠♃♀ 11 b |
| 5 | e | ♂ 20 34 | ♏ | 2 55 | ⊠♂ b ☌☉☽ a | fair weather |
| 6 | f | Oct. M ♑ | | 16 3 | □♄☽ 3 m | the 4, or 5 |
| 7 | g | ☉ 23 54 ♎ | | 29 23 | ☌☿☽ 2 a | day rain. |
| 8 | a | ♀ 14 43 ♎ | ♐ | 12 55 | △♄☽ 1 b | ☽ with ☋ |
| 9 | b | ☿ 18 52 ♏ | | 26 37 | ☌♃ m ⊠♀☽ a | Winds |
| 10 | c | ♄ 28 38 ♋ | ♑ | 10 28 | ☌♂ m ⊠☉☽ b | fair weathe. |
| 11 | d | ♃ 9 57 ♐ | | 24 26 | □♀☽ m n | much wet |
| 12 | e | ♂ 25 42 ♐ | ♒ | 8 3 | ⊠☿ m □☉♂♄ | wea her. |
| 13 | f | Quin Mich | | 22 45 | ⊠♃☽ 2 a (☽ n | □♄☉ 7 m |
| 14 | g | ♀ 22 14 ♎ | ♓ | 7 2 | ☿ ret. △♀⊠♂☽ | fair weath. |
| 15 | a | ☿ 18 55 ♏ | | 21 22 | □♃☽ 6 n | ☽ with ☊ |
| 16 | b | ♄ 28 50 ♋ | ♈ | 5 39 | △☿ m △♄□ | winds clou. |
| 17 | c | ♃ 11 9 ♐ | | 19 48 | (♂☽ m n | wind & rain |
| 18 | d | Luke Evan. | ♉ | 3 47 | △♃☽ 9 n | □♄♀ 8 n |
| 19 | e | ♂ 0 53 ♑ | | 17 32 | ☍♀☽ 1 n | fair weath |
| 20 | f | Tres. Mich. | ♊ | 0 54 | □♄△♂ m ☍ | ☌☉☿ 9 n |
| 21 | g | ☉ 7 54 ♏ | | 13 50 | ☍☿☽ 9 b (☉☽ a | rain, st rmy |
| 22 | a | ♄ 2 17 ♏ | | 26 43 | ⊠♄☽ 8 b | weath these |
| 23 | b | Term beg. | ♋ | 9 8 | ☍♃☽ 8 b | days, viz 2 |
| 24 | c | ☿ 9 30 ♏ | | 21 17 | △♀☽ m n (a | 24, 25 6 |
| 25 | d | ♄ 29 1 ♋ | ♌ | 3 14 | ☍♂ m △☉☿☽ | ☿ or ⊠♂♀ |
| 26 | e | ♃ 13 0 ♐ | | 15 4 | ☌♄☽ 1 m | □♀☿☽ n |
| 27 | f | Mens. Mic. | | 26 52 | △♃□☉☽ m | ☌♀✱♂☿ |
| 28 | g | Sim. & Iude | ♍ | 8 44 | ⊠☿△♂⊠♀□ | winds high |
| 29 | a | ♂ 8 26 ♑ | | 20 45 | ⊠☉☽ 1 m (♃☽ | ☽ with ☋ |
| 30 | b | ☉ 16 58 ♏ | ♎ | 2 59 | ⊠♄ m ♂☽ m n | fair weath |
| 31 | c | ♀ 12 25 ♏ | | 16 6 | ⊠♃☽ 9 b | end the m |

# November hath xxx. dayes.

New moon the 3 day, 17 min. past 4 in the morning.
First quarter the 10 day, 37 min. past 1 in the morn.
Full moon the 17 day, 10 min. past 4 in the morn.
Last quarter the 25 day, 13 min past 4 in the morn.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | ♉ | All Saints | ♎ | 28 20 | ☌☿☽ 9 *n* | □♄☽ 1 *a* |
| 2 | ♊ | ♄ Retrogr. | ♏ | 11 30 | ▨♂ *b* ☌♀☽ *n* | Winds stir- |
| 3 | ♋ | Crast. Ann | | 25 0 | ☌☉ *m* △♄☽ *n* | ring up rain |
| 4 | ♌ | ☿ 3 50 ♏ | ♐ | 8 48 | ☌♃☽ 10 *n* | or snow. |
| 5 | ♍ | Papi. Cons | | 23 8 | ▨☿☽ 8 *b* | fair at night |
| 6 | ♎ | ♄ 29 4 ♋ | ♑ | 7 0 | ☌♂ *m* ▨♀ *a* ▨ | rain, |
| 7 | ♏ | ♃ 15 37 ♐ | | 21 13 | (☉☽ *n* | more faire, |
| 8 | ♐ | ♂ 16 1 ♑ | ♒ | 5 27 | ☍♄ *m* □☿☽ *a* | some moist. |
| 9 | ♑ | ☉ 27 5 ♏ | | 19 37 | ▨♃ *m* □♀☽ *n* | fair weathe. |
| 10 | ♒ | ♀ 26 10 ♏ | ♓ | 3 42 | □☉ *m* △☿☽ *n* | ☿ in greate. |
| 11 | ♓ | Martin. | | 17 41 | □♃ *b* ▨♂☽ *a* | dist. from ☉ |
| 12 | ♈ | ☉ in Sagit | ♈ | 1 36 | △♀♄☉☽ | △♄♀ 5 *n* |
| 13 | ♉ | ☿ 11 53 ♏ | | 15 24 | △♃ *a* □♂☽ *n* | ☽ with ☊ |
| 14 | ♊ | ♄ 28 54 ♋ | | 29 5 | □♄☽ *at noon.* | rain or snow |
| 15 | ♋ | ♃ 17 25 ♐ | ♉ | 1 37 | ☍♂☽ 3 *a* | fair, |
| 16 | ♌ | ♂ 22 8 ♑ | | 15 49 | △♂ *m* ▨♄☽ *n* | cloudy, |
| 17 | ♍ | ☉ 5 12 ♐ | ♊ | 9 8 | ☍♀☉☽ *m* | windy, |
| 18 | ♎ | Oct Mart. | | 22 2 | ☍☊♃☽ 4 *m* | ☌☉☿ 11 *n* |
| 19 | ♏ | ♀ 7 31 ♐ | ♋ | 4 41 | △☿☽ 16 *n* | wet weath. |
| 20 | ♐ | ☿ 21 41 ♏ | | 17 4 | ☍☍♂ *m* ☌♄☽ *b* | rain or snow |
| 21 | ♑ | ♄ 28 41 ♋ | | 29 14 | △☉♀☽ *noon.* | fair, (♄♂ |
| 22 | ♒ | ♃ 19 0 ♐ | ♌ | 11 10 | △♃ *m* □☿☽ *n* | △♄☿ 14 ☍ |
| 23 | ♓ | ♂ 27 33 ♑ | | 25 1 | □☉ *m* □♀ *b* □ | ▨♂☿ *noon.* |
| 24 | ♈ | ☉ 2 0 ♐ | ♍ | 4 49 | (♃☽ *n* | troubled air |
| 25 | ♉ | Quin Mar. | | 16 38 | ▨♄ *b* △♂ ▨☿ *a* | stormy wea. |
| 26 | ♊ | ♀ 16 20 ♐ | | 28 36 | ▨☉☽ 9 *n* | frost-like. |
| 27 | ♋ | ☿ 2 8 ♐ | ♎ | 10 49 | ▨♀♃☽ *m* □♄ | ☽ with ♑ |
| 28 | ♌ | Tertia chu. | | 23 20 | (☽ *n* | fair, season. |
| 29 | ♍ | ♄ 28 19 ♋ | ♏ | 6 13 | □♂☽ *m* | weather. |
| 30 | ♎ | Andr. Apo. | | 19 32 | Advent Sunda | ☌♃♀ *m. n.* |

# December hath xxxj. dayes.

New moone the 2. day, 10 min. past 5 at night
First quarter the 9. day, 11 min. past 10. before noon.
Full Moone the 16 day, 47. min. past 8 at night.
Last quarter the 25 day, at 30 min. past 1 in the morn.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | f | ♃ 21 5 ♐ | ♐ | 3 17 | △♄m ▨♂a. ☌ | Frosty wea- |
| 2 | g | ♂ 4 34 ♒ | | 17 6 | (☿☽n | ther and |
| 3 | a | ☉ 21 30 ♐ | ♑ | 1 53 | ☌☉☌♃☌♀☽n | warm for |
| 4 | b | ♀ 26 25 ♐ | | 16 31 | ♃ Oriental. | the time of |
| 5 | c | ☿ 14 27 ♐ | ♒ | 1 15 | ☍♄m. ☌♂☽n. | the year. |
| 6 | d | ♄ 27 55 ♋ | | 15 54 | ▨☿o ▨♃☽n. | ☌♃☉ 1 a. |
| 7 | e | ♃ 22 31 ♐ | ♓ | 0 22 | ▨☉m. ▨♀☽b. | Cold storm |
| 8 | f | ♂ 9 16 ♒ | | 14 16 | □☿☽8n. | □♀☽ 8 n |
| 9 | g | ♀ 2 42 ♑ | | 28 34 | □♃m. △♄□ | ☽ with ☊. |
| 10 | a | | ♈ | 12 17 | (☉☽b. | ☌♃☿ 6 m |
| 11 | b | ☉ in ♑ | | 25 47 | ▨♂☽9b. | Shortest day. |
| 12 | c | ☿ 25 21 ♐ | ♉ | 9 5 | △♃☿b. □♄ | Faire and |
| 13 | d | ♄ 27 27 ♋ | | 22 12 | (△☉☽n | frosty. |
| 14 | e | ♃ 24 9 ♐ | ♊ | 5 10 | △♀m. □♀☽ n | Snow like. |
| 15 | f | ♂ 14 45 ♒ | | 17 58 | ▨♄☽9n. | Winde and |
| 16 | g | ☉ 4 47 ♑ | ♋ | 0 36 | △♂m. ☍♃☽ | rain, or snow |
| 17 | a | ♀ 12 47 ♑ | | 13 3 | (m n | ☌☉☿ 11 n. |
| 18 | b | ☿ 4 48 ♑ | | 25 9 | ☍☿a. ☍☉☽n. | ♀ Occiden. |
| 19 | c | ♄ 27 0 ♋ | ♌ | 7 24 | ☍♀☽11b. | Clouds ari- |
| 20 | d | ♃ 25 29 ♐ | | 19 20 | ☌♄☽3a | sing |
| 21 | e | Tho. Apo. | ♍ | 1 10 | ☍♂b △♃☽mn | ☽ with ☋. |
| 22 | f | ♂ 20 13 ♒ | | 1 57 | △☉☿☽b. | Windes and |
| 23 | g | ☉ 11 56 ♑ | | 24 47 | △♀m. □♃▨ | rain, or snow |
| 24 | a | ♀ 21 36 ♑ | ♎ | 6 43 | (♄☽a. | ☍♄♀ 5 m. |
| 25 | b | B. of Christ | | 18 53 | □☉☿m △♂ | Cold rain, |
| 26 | c | Stephen. | ♏ | 1 20 | (□♀☽ n. | or snow. |
| 27 | d | Iohn Evan | | 14 11 | □♄▨♃☽m. | ☍♄☿ 1 a. |
| 28 | e | Innocents | | 27 29 | ▨☉a. ▨☿☽n. | Faire and |
| 29 | f | ☿ 22 42 ♑ | ♐ | 11 16 | □♂m △♄▨♀ | clear. |
| 30 | g | ♄ 26 10 ♋ | | 25 32 | (☽ b | Winde, or |
| 31 | a | ♃ 27 58 ♐ | ♑ | 10 12 | ▨♂☌♃☽ a. | snow. |

# HERBERT, 1651.

An *APPENDIX* unto the precedent *ALMANACK*, for this present YEAR, from the Nativitie of our Blessed Saviour, 1651.

Wherein you may observe, A brief Chronologie of times, a Description of the Eclipses this year, Astrological Judgments, drawn from the Position and Configurations of the Stars at the entrance of the Sun into *Aries*.

Moderately therein delivering some Contingencies depending upon the influence of the Celestial Bodies.

Together with an Astronomical view of the World, and the several parts thereof; and also some other Calculations and Observations, framed and composed

*By* THOMAS HERBERT.

*Usefull and Pleasant for all those which are desirous of such a work.*

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BIBLIOTHECA BODLEIANA



## A brief Chronologie of certain memorable Accidents.

| | Years. |
|---|---|
| THe Creation of the world | 5600. |
| *Noahs* Flood, | 3944. |
| The destruction of *Troy*, | 2834. |
| Brute arrived in this Iland, & built *London*, | 2764. |
| The building of the Temple, | 2668. |
| *Iulius Cæsar* conquered this Iland, | 1702, |
| *Iulius Cæsar* reformed the Year, | 1695. |
| The Birth of Christ, | 1651, |
| The destruction of Jerusalem, | 1568, |
| The Death and Passion of Christ, | 1618, |
| England received the Christian faith, | 1471. |
| The conquest of Duke *William*, | 585, |
| The invention of Guns, | 270, |
| The invention of Printing, | 191. |
| The Royal Exchange was built, | 86. |
| The new Star, in the Constellation of *Cassiopeia*, | 79. |
| *Tilbury* Camp on St *James* his day, | 63. |
| King *Charls* was born November 19, | 51. |
| The Gun powder Treason, | 46. |
| The last great Frost, | 43 |
| The last Blazing Star, | 33. |
| King *Charls* began his reign March 27, | 27. |
| Prince *Charls* born, | 21, |
| This Parliament began November 3, | 11. |
| The Deputy of Ireland was beheaded, | 10. |
| Three Suns appeared at Westminster. | 7. |
| The Arch-Bishop of Canterbury beheaded, | 6. |
| Three Suns seen in Cheshire and Shropshire, | 4. |
| Three Suns also seen in Lancashire Febr, 28, | 3. |

Since

Here

Here followeth a brief expoſition of the common, or vulgar notes, *viz.* The Golden Number. The Epact, Circle of the Sun, and Dominicall Letter; and firſt

## Of the Golden Number.

THe Golden Number was firſt invented of the Chaldeans, to find out the Change of the Moon, Quar. & Full Moons, and ſent by them to Rome, and the Romans finding it ſo eaſie and of ſo excellent uſe for the ſame, had it written in their Calenders in letters of gold; for which cauſe (as Johan. de Sacro Boſco, ſaith) it is called the Golden Number unto this day: but it is more properly called Circulus Decennovennalis, or a revolution of 19 years, in which ſpace of time, ỳ Ancients thought, ỳ all ỳ Changes, Quarters, & Full Moons did return to the ſame place they were in 19 years before: but the experience of latter ages hath found it an imperfect rule: for in 19 years there is an anticipation of an hour, and almoſt a half, for which cauſe and by reaſon of the many varieties of the Moons motion, thoſe ancient rules differ ſometimes a day from the truth, and in proceſſe of time (without due reformation) will prove very erroneous; for in that year,

Christ was born, the Golden Number was 1. And the Moon changed ỳ 23 day of Jan: but in our time when ỳ Golden nũber is 1, the Moon chãgeth about the 19 day of Jan. so that we must conclude that any table for ỳ Lunations framed according to ỳ order of ỳ Golden Nũber cannot be fixed; however take notice that ỳ beginning of this circle is an unity, and it is increased every year by 1, until it be 19, and then returneth to 1 again; but if you will find the Golden Nũber, for any year past or to come, without the help of any Calender or Almanack do thus, Adde 1 to the year of the Lord ỳ seek, because (as I have said before) when Christ was born, ỳ Golden Number was 1) and divide it by 19, the quotient sheweth how many times this circle hath been revolved since Christ, and the remainder sheweth how many the Golden Number or prime is that year.

Example. This present year 1651, put 1 to it and it maketh 1652. which being divided by 19 the quotient 86 sheweth the number of revolutions of it since Christ, and 18 the number remaining is the Golden Number of the purposed year 1651.

## Of the Epact.

THe Epact is a number (not exceeding 30) proceeding from that space of time wherein

in the Solar year, exceedeth the Lunar year, which is 11 days; for in a common Lunar year are 12 months, each moneth consisting of 29 days and a half, so that in a Lunar year are 354 days, but in a Solar year there are 11 days more, that is to say, 365: whereby it appeareth that the Epact increaseth every year 11, but if by the yearly addition of 11, it exceed 30, the rest above 30 shall be the Epact, because the Moon never exceedeth 30 days between change and change: wherefore look how many days old the Moon is any day this year, or any year past or to come, the next year on the same day for the most part, you shall find the age of the Moon to be 11 days more:

Example; The year last past, viz. 1650 January the 1, the Moon was 9 days old. Now if by the rule of the Epact you desire to find the age of the Moon the next year after it, namely this present 1651, add 11 to 9 which was the age of the Moon the last year, and it maketh 20 wherefore I say ỹ Moon is 20 days old the 1 of Jan. this year 1651. Now if you adde 11 to that you shall have 31, but you must put away 30 for the reason above said, and you shall have 1 for the age of the Moon the first of January 1652; and after this order aforesaid you may proceed from year to year at your pleasure. And by the like

reason, if you adde 19 to the age of the Moon, any day given of the year present, it giveth you the age of the Moon the same day of the year last past, if it do not exceed 30, for then you must cast away 30, and the rest shall be the age of the Moon the day required; proceed in this order for as many years past as you please.

Quinque dies & sex ponas pro luce futura,
Et pro præterita quinque bis atque novem.

Notwithstanding take notice, that by these general rules, the true age of the Moon cannot be found exactly, but sometimes hereby you may erre a whole day but remember, that the morrow after the change, is the first day of the Moon: the next is the second, and so on; except the Moon change very early in the morning, as about 1, 2, 3, or 4. for then you must reckon the day of the change to be the first day.

And now for a generall rule to find the Epact for any year, you must multiplie the Golden Number, of the year proposed, by 11. and the product, if it be less then 30, is the Epact, but if it be above 30, then divide that product by 30, and the remainder is the Epact. For example, I would know the Epact for the year 1652, the Golden Number being 19 which I multiplie by 11, the product

product is 209. which (because it is more than 30) I divide by 30, the quotient is 6. but 29 being the number remaining is the Epact.

## Of the Circle of the Sun, and Dominical Letter.

The Circle of the Sun maketh its periodical revolution in 28 years in which space of time ẏ Leap-years and Dominicall Letters finish their perfect course, & then return again in ẏ same order as they were before. Every 4th year is Leap-year, because ẏ year according to ẏ revolution of ẏ Sun consisteth of 365 days & 6 hours almost; so that in 4 years it gaineth 24 hours, or a whole day, & ẏ day is added to ẏ moneth of February, so that in the Leap-year, February hath 29 days. If you would know of any year, past, or to come, whether it be Bissextile (ẏ is Leap-year) or no, divide the year of the Lord sought by 4, and if nothing remain it is Leap-year, what remaineth sheweth how many years it is after Leap-year. But if you would find out the number of the Circle of the Sun for any year, adde 9 to the year of the Lord, and divide that number by 28, and the remainder sheweth the Circle of the Sunne, for the same year. The first year of this Circle, is Bissextile or Leap-year, & hath two Dominical Letters (as every Leap-year hath, viz. G. F. ẏ se-

cond year E. ỹ third D, & so do ỹ Dominicel Letters chãge every year, in a cõtrary order to ỹ Alphabet: sed quid Moror istis? & now I wil forbear to make any longer discourse of these matters.

A brief Explanation of the severall Columns in each moneth of the precedent Calender or Almanack.

On every left-hand page ỹ have in the first column toward the left-hand, the days of the moneth: in the second column, the days of the week, E. being Sunday letter in our English account: in the third column you have the places of the planets, for the most part in a Septenary order, calculated properly for the Meridian of London for the hour of noon, but will serve without sensible error for any part of this Kingdome: and in that column you have also the Festivall days yet in use, and the Law-days &c. In the fourth column, you may find the sign the Moon is in every day at noon with the degree and minute thereof, calculated for the aforesaid Meridian of London. In the fifth column are the conjunctions and aspects of the Moon with the other six planets. And in the sixth and last column you may find the mutual aspects & conjunctions of the six planets, viz. ♄, ♃, ♂, ☉, ♀, and ☿, one with another, with the disposition and inclination of the year.

Of

## *Of Eclipses happening this year*, 1651.

THere will be onely two Eclipses this year, visible to the inhabitants of the earth, and both of the Sun. The first whereof happeneth the 19 of April, according to the new account, but the 9 of April, according to the Julian or old account, used here in England, at 8 min. past 10 at night, according to the apparent time thereof; it cannot therefore be visible to us; because the Luminaries, *viz.* the Sun and Moon, are beneath our horizon: but in those regions which lie between the *Equator* and the Tropick of *Cancer*, under the longitude of 231. deg. 5. min. and North latitude of 14. degr. it may be seen totally eclipsed, to the just quantity of 12. digits, about 4. min. before their noon; and there the whole duration will be 3. hours, 21. min. Moreover this Eclipse will be great in *Mexicania*, and in those places which are scituate *ad Caput*, *Sinumq*; *Californiæ*, in the Islands of *Los Tubarones*, *Lavezina*, *Los Mangos*, in *Rocca partida*, and in the Islands of *Zalisous*.

The other Eclipse (which is also of the Sun) happeneth the 14 day of October, according to the new or beyond-sea account, but the 4 of the same moneth according to the old account, in use here in England; the apparent time thereof is 51 min. past 1 of the clock in the afternoon: yet, although the Luminaries are above our horizon, no part of the Suns body will

appear

appear eclipſed unto us here in England; becauſe the Moon at the time of this Eclipſe is aſcending into her ſouth latitude, and the Parallax of her latitude doth exceed the Aggregate of the ſum of the Semidiameters of the Luminaries. But in thoſe places which lie under the longitude of 353 deg. 34 min. and ſouth latitude of 15 deg, the Sun may be ſeen totally obſcured, to wit, in *Braſilia Auſtrali*, and in the neighbouring places there abouts, *viz*, in *Pernambico ad Cape S. Auguſtine, Pervidna*: The whole duration of this Eclipſe will be, from the beginning to the end, 3 hours 49 min. 34 ſec.

*A brief Aſtrological diſcourſe of this preſent year 1651, gathered from the poſition of the Heavens at the moment of the Suns ingreſſe into* Aries.

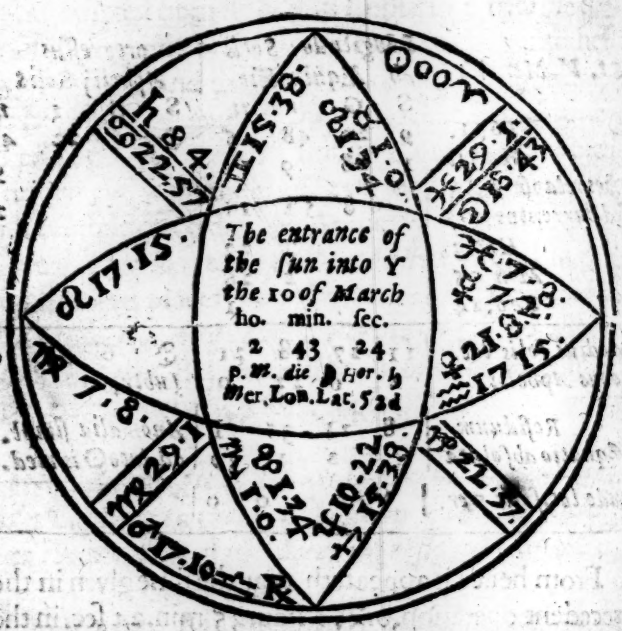
EVery year, Aſtronomically, takes its beginning at that very moment of time wherein the Sun, that glorious lamp of the world, having finiſhed his full revolution through the heavens, makes entrance into the firſt minute of *Aries*, and that is this preſent year 1651. the 10 day of March, at 2 of the clock, 43 min. and 24 ſec. in the afternoon, *idque ex Tab. Phil. Iſ. Bull.* And for ſome conſiderations, I have thought it convenient to inſert the calculation thereof, or rather of the Suns place, for the aforeſaid hour and minute given, the operation whereof is as followeth.

*St. V.*

| St. V. Mer. Vr. | Longitudo Solis ab Æquinoctio | | | | progressus Aphelij Solis | | | |
|---|---|---|---|---|---|---|---|---|
| | S | G | ′ | ″ | S | G | ′ | ″ |
| 1651. | 9 | 20 | 48 | 5 | ☌ | 6 | 22 | 49 |
| Martii | 1 | 28 | 9 | 11 | | | | 9 |
| Dies elapsi 9 sed currentes 10 | | 8 | 52 | 15 | | | | 2 |
| Hor. 3 | | | 7 | 23 | | | | |
| Min. 35 | | | 1 | 26 | | | | |
| Sec. 24 | | | | 1 | | | | |
| Medius solis loc. | 11 | 27 | 58 | 21 | ☌ | 6 | 28 | 0 |
| Locus Aphelii. | 2 | 6 | 23 | 0 | subtr. | | | |
| Residuum | 8 | 21 | 35 | 21 | Anomalia simpl. | | | |
| Æquatio absoluta | | 2 | 1 | 39 | ad locō ☉ is med. | | | |
| unde loc. solis ver. | ♈ | 0 | 0 | 0 | | | | |

From hence it appeareth, that the time given in the precedent operation, *viz.* 3 hou. 35 min. 24 sec. in the afternoon of the tenth day of March, is the very moment of the Suns entrance into *Aries*, at *Vraniburg*. Now because *Vraniburg* is scituate eastward from *London*, and the difference of their Meridians, in respect of time, is about 52 minutes; therefore I substract 52 minutes from three hours, 35 minutes, and 24 sec. and there resteth 2 hours 43 min. 24 sec. for the true time of the Suns entrance into *Aries* at *London*, at which time the positure of the Heavens will be as this Cælestial Scheam demonstrateth.

And




And seeing the sign ascending is one of those which are called fixed, therefore one figure will serve for the judgement of the whole year; and hereunto agreeeth *Haly*, *Bonatus* and others: and from the further consideration hereof, we may also judge our affairs to be more fixed, and our selves to be in a more stayed condition. The ☉ ♃ and the ☽ are this year the principal significatours of the people, and shall chiefly signifie the general actions, and proceedings of our weal-publick; the Sun because he is Lord of the ascendant;

aſcendant; the Moon, becauſe ſhe is a general ſignificatrix of the common people; and Jupiter, becauſe he is *Almuten* of the whole figure, ſurmounting all the planets in dignities. Having examined the ſeveral poſitions and configurations of the planets in the Scheam of the ingreſs it ſelf, and alſo in the figures of the preventional full Moon, and poſtventionall new Moon, me thinks I find the people in ſome meaſure oppreſſed, and diſturbed with ſeveral troubles, and inconveniencies, thinking themſelves too much ſubjected and overpowered by ſupream authority, or by the inſulting predominancie of ſome great ones; the ſignification hereof I take from the Moon, her unfortunate poſition in the Scheam: *Si Luna fuerit nociva & infortunata, ſignificat quod populo accident damna, & moleſtiæ ex parte dominorum ſuorum. Hal. fol. 367. cap. 6.* If the Moon ſhall be ill affected, and unfortunate, it ſignifies, that the people ſhall receive damages and diſturbances from their Lords or Rulers. And this judgment may ſeem to be the more affirmative, according to the rules of art, becauſe the Moon is oppreſſed of the Sun, being now poſited *ſub radiis ejus*: Furthermore, if we conſider the preventional full Moon, we may find the Moon defluxing from the ☌ of the Sun, to become void of courſe; intimating unto us, as if we ſhould receive but little good, or reap but ſmall benefit by things in agitation, or the actions of this

r. Moreover, becauſe the Moon, in this preſent

figure

figure of the Suns ingress is posited in the 8 house; & in the postventional new Moon is applying to the □ of ♄, & ♄ himself placed upon the very cusp of the ascendant, it may be doubted there wil be many sicknesses & infirmities reigning in several parts, but especially in the north parts, and they will be such especially, as proceed from cold raw humours, agues, fluxes, and such like. But for the further discoueries of the general gestures and actions of the States, and other material accidents, it seemeth to me convenient onely to give you the signification of each planets position in the Scheam, and of their aspects and configurations one with another; not grounded upon my own fancy or imagination, but from the judgement of other authours in this *astral science.* And first let us see what Saturn signifies being located in the 11 house; *Si quum ♄ fuerit in undecima domo ——— & ibi male afflatus, habebunt homines malum, tristitias multas, & destruentur eorum fiduciæ & rationes, nec complebuntur petitiones, & habebunt gravitates & defectum in victu. Hal. fol. 370. par. 8. cap 7.* When ♄ shall be in the 11 house, and there ill affected, men shall have evil, many sadnesses, and their hopes and intentions shall be destroyed, neither shall their petitions be fulfilled, and they shall have heavinesse, and defect in their sustenance; and because he is in □ of the Sun, the same author saith, *Regibus infirmitates significat & damna, quæ accident in substantiis & rebus*

*rebus ejus*; and indeed these positions, or rather, this malevolent aspect between the Sun and Saturn, seems to hold forth either some opposition against, or some disrespect to some men, who have formerly been in high esteem in our Commonwealth: It falleth out many times, that the tallest Cedars are subject to the blustring wind, when the low Shrubs are free. Moreover the application of *Sol* out of the ☌ house to the square of *Saturn* in the 11, may signifie many things to be acted, and consulted upon with much secrecie, and privateness. As touching *Mars* his position, who is very unfortunate, *significat, quod vilis insurgent contra dominos et claros*, and the rather, because he hastens to the opposition of the Sun by retrogradation; and because he is retrograde and ill affected, he signifies combustions, contentions, murthers, *&c.* in several places; and being posited in the third, he argueth much enmity and hatred amongst brethren and friends, *ut non associabitur unus alteri.* Yet notwithstanding, the benign aspect of *Jupiter* to him, doth allay and mitigate much of the evil signified by him: yet because he, *viz. Mars*, aspecteth *Jupiter* by ✶, *significat multas lites ratione legis*, that is to say, many strifes or occasions of, or concerning, the Law. and it may be there may arise some disputations about the new regulating of the Law.

And now having considered the plurality of the testimonies of those planets which are the principal significatours

ficatours of our unhappineſs, or rathe,, which ſhew an inclination of ſome ſiniſter occaſions, impediting our affairs; and that not poſitively affirmed, but onely moderately conjectured by the rules of Aſtrologie, which do not admit of any affirmative reſolution in judgements given from the Stars; for they, as well as all other ſubordinate creatures, muſt be ſubject to the will of the Almighty, who is the Creator and Governor of al things, both in the heavens above, & in the earth beneath, and their influence ſhall operate no further (either for good or evil) than his hand and counſel ſhall think fit. I ſay, theſe things being conſidered, as aforeſaid, we come at length to enquire into the ſignification of *Jupiter*, who in our Scheam is very ſtrong, and indeed the moſt potent planet in the figure; and therefore *In anno, apparebit in hominibus bonum*, &c. men ſhall be inclinable to do good, and follow after uprightneſs, juſtice and chaſtitie; exerciſing acts of piety and obedience to God-ward; thus *Haly fol.* 366. And I hope in the midſt of our troubles or inconveniencies, we ſhall have a mixture of goodneſs, or ſome good motives to the ſettlement of things in ſuch order as ſhall be for our future happineſs, and that men endued with wiſdome and underſtanding, and ſuch as have laboured and endeavored the eſtabliſhment of wholeſome Laws for the good of our Common-wealth, ſhall be accounted honourable, and be had in high eſtimation, and that

not

not undeservedly: and the reason hereof I have drawn from the application of the Sun (after his □ with *Saturn*) to the ✶ of *Jupiter*, and also by his positure in the 10 house, and there very fortunate, he signifieth, that men shall have good increase by manuring their lands, and by the well managing of their affairs, &c. and these things may probably be most apparent in the latter part of the year. Lastly, the positure of the Moon in the 8 house, hath some signification of mortality, and the rather, because the Sun, Lord of the ascendant, is also descending into the 8 house, called by *Astrologers*, *domus mortis*.

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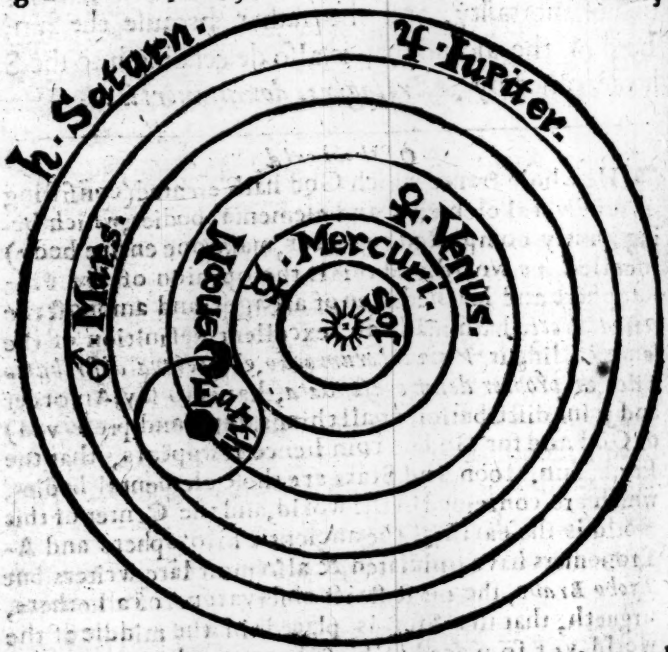
*Of the world.*

THe whole frame which God hath created (consisting of several elements and elemental bodies, which being jointly compacted together, make one entire body) is called the world, and this is the opinion of the Philosophers and learned men of all ages; and amongst the rest *Aristotle* hath made an excellent definition of the same, calling it, *Universorum ordo, & concinna distributio a deo, & propter deum conservata*, that is to say, An order and joint distribution of all things, kept (and preserved) of God and for God: from hence it appears, that the Earth, Sun, Moon, and Stars are those elemental bodies, which are contained in the world, and the Center of this world is the earth, as the ancient Philosophers and Astronomers have opiniated, & also most late writers; but *Tycho Brahe*, the most strict observatour of all others, argueth, that the Sun is placed in the middle of the world, yet so placed in his Sphear, that he is carried about the earth in 24 ho. and this opinion hath been received by some late Astronomers; but above all the

rest, *J. Bullialdus*, a certain Frenchman, doth not onely agree to this opinion of *Tycho*'s, *viz.* that the Sun is the Center of the world, but that he remaineth unmoveable, being onely wheeled about his proper Axle-tree, and that all the bodies, *viz. Mercury*, *Venus*, the *Earth* with the *Moon*, *Mars*, *Jupiter*, *Saturn*, and all the fixed Stars are moveable, and are continually carried round about the body of the Sun in a circular motion. But for those that desire to be made capable of the meaning of the Author in this point, I have hereunto annexed a figure of the sphear, according to the Author *Bullialdus*,




By which figure it appeareth that the earth is moved about the Sun, between the orbs of *Mars* and *Venus*; so that these six, *viz. Saturnus*, *Jupiter*, *Mars*, *Terra*, (or the earth)

earth) *Venus* and *Mercurius* are carried about the Sun as about a Center, being placed within the concavity of one anothers Sphear, in such order as you see in the foregoing figure, and the Moon is turned about the earth, her Sphear being fixed in the Sphear of the earth, and so by reason of the earths motion, she also is moved circularly about the body of the Sun, as you see in the figure, and these things according to *Bullialdus*.

*Of the motions of the Celestial bodies, and first of the fixed Stars.*

THey are called fixed, because they are infixed and alligated into their proper orb, which is the eighth Sphear, and so are carried round in one form, and have all one motion, never separating one from another, or approaching one to another, but do alwaies keep the same order and distance one from another to this very day, as they were in at their first Creation, not one Star of them moving of it self, but are all carried round by the motion of their Sphear, wherein they are fixed from East to West, and so into the East again, in the space of 24 hours, & that by the force of the 9 Sphear, called the *primum mobile* or first mover; but they have a contrary motion to the first mover, which is from the West into the East, and so slow that it cannot be perceived in a little time, going every day onely 8 thirds, 22 fourths, 6 fifths, 24 sixths, and in a year 50, sec. 54 th. 28 fou. 57 fif. so that they finish their periodicall revolution through the heavens in the space of 25442 years, and 136 daies or thereabouts.

*Of the seven Planets.*

WIthin the concavity of the glorious heaven of the fixed Stars, are contained the several Sphears or Orbs of the seven Planets, one within the concavity of another, each Sphear or heaven containing in it but one Star, and that in this order (as hath been discovered by *Ptolomie* and the ancient Astronomers) viz. the orb of

*Saturn* next unto the firmament of the fixed Stars, the ſphear of *Jupiter* next below the ſphear of *Saturn*, and next unto *Jupiter*, the ſphear of *Mars*; and next unto *Mars*, the orb of the *Sun*, and next unto the *Sun*, is the orb of *Venus*; and next unto *Venus* is the orb of *Mercury*; and then the ſphear of the *Luna*, which is the loweſt of all the heavens, and next unto the earth: but late writers have obſerved, that *Venus* and *Mercury* are moved about the *Sun*, as about a Center, ſometimes above and ſometimes beneath, in manner and form as is demonſtrated by the foregoing figure of the ſphears of the Planets. And they are called Planets of the Greek word *Planaomi*, which ſignifies, to wander, for they are never conſtant in their motions; and they are all turned round from the Eaſt into the Weſt, and ſo into the Eaſt again, by force of the firſt moveable heaven, but they have a contrary motion of their own, from the Weſt into the Eaſt, until they have finiſhed their courſe round the heavens, and ſo continue in their motions perpetually without ceaſing or intermiſſion, being alwaies carried in a circular motion, making alwaies very equall progreſſe in their movings upon their own centers, but unto us their apparent motion is very unequall, ſometimes ſwift, and ſometimes ſlow, ſometimes forward, and ſometimes backward (except the *Sun* and *Moon*, which move alwaies forward) and ſometimes they ſeem to move very little or not at all, & then they are ſaid to be ſtationary. And further take notice, that no Planet hath the center of his orb the ſame with the center of the earth, but without it, and therefore their circles are called excentricall, ſo that they are ſometimes more remote from the earth, and ſometimes nearer the ſame. But becauſe this is no fit volumn for a full and perfect explanation of theſe matters, I forbear to enlarge my ſelf any longer diſcourſe of theſe things, onely before I break of quite, I will give you a briet

deſcription

deſcription of each Planets motion his nature & quality.

*Of Saturn.*

HE is the higheſt of all the Planets, of a pale wan or leaden colour, by nature melancholy, cold, and dry, and very ſlow in motion, he finiſheth his courſe in the ſpace of 29 years, 155 daies, 9 ho. and 36 min. or thereabouts; and he moveth every day 2 min. 0. ſec. 35 th. 13 fou. 37 fif. 44 ſix.

*Of Jupiter.*

THe Planet *Jupiter* is very clear and bright, being by nature ſanguine, hot, and moiſt, and very temperate; he is almoſt 12 years in circuiting the Zodiack, or according to a more exact account, he maketh up his revolution in 11 years, 313 daies, 14 ho. and 9 min. going every day 4 min. 59 ſec. 15 th. 58 fou 32 fif. 44 ſix.

*Of Mars.*

NExt in order unto *Jupiter*, is *Mars*, he is by nature hot and dry, intemperate, choller ick, and fiery, and he appeareth to our ſight of a ſhining, fiery, ſparkling colour, and in his middle motion, he goeth every 24 ho. 31 min. 26 ſec. 39 th. 8 fou. 21 fif. 5 ſix. and runneth through the Zodiack, in 1 year, 321 daies, 22 ho. and 21 min.

*Of the Sun.*

SOl, or the Sun, is placed in the midſt of all the Planets, and is moſt bright & clear, the fountain of moſt pure light: he is called, *Cor & Oculus Mundi*: he is by nature hot and dry, temperate; by his motion, we may meaſure out times and ſeaſons, daies and years; that ſpace of time, which he aſſumeth to finiſh his revolution through the 12 ſigns of the Zodiack, we call a year, conſiſting of 365 daies, and 6 ho. ſo conſtituted by *Julius Cæſar*, ſo that every fourth year, by the continual addition of 6 ho. there is 24 ho. or a whole day, & that is the cauſe of the Leap-year, of which hath been ſpoken in the beginning of this book; but this generall account ſomewhat exceedeth the true magnitude of the

ſolar year, for the Sun maketh a ful revolution through the Zodiack in 365 daies, 5 ho. 49 mi. 4 ſec. 21 th. 3 fo. ſo that in his middle motion he goeth 59 mi. 8 ſec. 19 th. 42 fo. 1 fif. 41 ſix.

*Of Venus*

*Venus* is the moſt bright and ſplendant ſtar in the firmament (except the Sun and Moon) and is of a very great appearance, inſomuch that ſometimes ſhe hath been taken for a comet; ſhe is by nature cold and moiſt, her middle motion is the ſame with the Suns, from whom ſhe never departeth above 48 deg. & ſometimes ſhe is ſeen before ſun-riſing, and then ſhe is called the morning ſtar, and ſometimes after ſun-ſetting, and then ſhe is called the evening-ſtar

*Of Mercury.*

THe Planet *Mercury* is of the nature of that Planet with whom he is conjoined or aſpected, and of his own nature there are ſeveral opinions, ſome ſay his is of quality hot and dry, others that he is melancholly, cold, and dry, he is very ſwift in motion and unconſtant, yet by reaſon of his often retrogradation, he finiſheth his courſe in a year as the *Sun* and *Venus*: he ſometimes riſeth before the ſun, and ſometime ſetteth after him, as *Venus* doth; he is ſeldome to be ſeen, becauſe he is ſo nigh the ſun, from whom he never departeh above 28 deg. 23 min.

*Of the Moon.*

THe Moon in Latine is called *Luna, quaſi luce alicna Lucens*, as ſome Authors write; ſhe is the nethermoſt Planet, by nature cold and moiſt, phlegmatick, ſhe is the Queen over ſeas, rivers, and great waters; by her motion ſhe cauſeth the ebbing and flowing of the ſea, and in general, ſhe hath much dominion over all moiſt bodies, ſhe is very ſwift in motion and alterable, ſhe circuiteth the Zodiack in 27 daies, 7 ho. 43 mi. 6 ſec. 48 th. 17 fo. and her diurnal motion is 13 deg. 10 min. 35 ſec. 1 th. 13 fo. 2 fif. 27 ſix. 28 ſev.

A

*A plain and easie table, shewing the time of High-Water at London-bridge, by the age of the Moon*

| The Moons age. | High-water at *London*-bridg. Ho. | Min. |
|---|---|---|
| 1 | 16 | 3 48 |
| 2 | 17 | 4 36 |
| 3 | 18 | 5 24 |
| 4 | 19 | 6 12 |
| 5 | 20 | 7 0 |
| 6 | 21 | 7 48 |
| 7 | 22 | 8 36 |
| 8 | 23 | 9 24 |
| 9 | 24 | 10 12 |
| 10 | 25 | 11 0 |
| 11 | 26 | 11 48 |
| 12 | 27 | 12 36 |
| 13 | 28 | 1 24 |
| 14 | 29 | 2 12 |
| 15 | 30 | 3 0 |

*The use of this Table.*

First seek in the Calender, the day and hour of the New-Moon, & begin to reckon the morrow after the change for the 1 day of the Moons age, & the next to the 2, and so one day after another, untill the Moon change again, but yet take notice (as I told you before in the beginning of this book) that if the Moon change very early in the morning, as about 2, 3, or 4, of the clock, you must reckon the day of the change for the 1 day, the morrow after for the 2, and so on, as before: Now having found the age of the Moon, enter the two first columns of this little table under the Moons age, and in which soever of them you find the age of the Moon, before found in the Kalender, in the 3 column, just against it, you have the hour, and min. of High-water.

*Exam.*

I desire to know at what time of the day it will be high-water at *London* bridge, the 12 day of Jan. this year 1651. First therefore I look what day of Jan. the Moon changeth on, which I find to be the 11 almost at 1 of the clock in the after noon; therefore on the morrow being the 12 day, which was the day sought for, the Moon is 1 day old, therefore I look for 1 in this table under the Moons age, and I find it in the first column, and straight forward in the 3 column I find 3, 48 entituled with ho. min. wherefore I find that the 12 day of Jan. it will be high-water at *London*-bridge at 3 of the

the clock, and 48 mi. past. Do in like manner for any other day required, and you shall find.

*Here followeth an observation of ancient Husband-men touching the estate of the year.*

IF you would know what a year will ensue, take some Oak-appls about S. *Michels* day, and cut them, and they be within full of Spiders, then followeth a naughty year; if the apples have within them flies, that betoke [illegible] good year; if they have Maggots in them the following the good year; if there be nothing in them, then followeth great death; if the apples be many, and [illegible] ripe, so shal it be an early winter, and very much [illegible] shal be before New-years tide, and after that it shal hold; if the inner part or kirnel be fair and clear, then shal the Summer be fair, and corn good also; but if they be very moist, then shal the Summer also be moist; if they be lean then shal there be a hot and dry summer. Moreover if in Octob. the leaves will not fall from the trees, then followeth a cold winter, or a great number of Catterpillers on the trees.

Ad Librum.

*Go forth, first born, unto thy native countries view,*
*Blush not in any place therein thy face to shew.*
*Whilst though great learned men against thee do abject,*
*Thou art not neatly trimmed nor elegantly deck'd.*
*Tell those that look so high with countenance aloft,*
*Before they could well speak they were indrafted oft.*
*Where ore it be that thou shalt entertainment find,*
*Alwaies barely to make known thy Authors mind.*
*Tell those that ask of thee, of moneths, of weeks, of days,*
*In order as they stand make known to them alwaies:*
*Of the change of the Moon, quarters, and ful Moons also,*
*Cease not to speak when any doth upon thee call.*
*Crave pardon for thy faults, when any thou dost render,*
*This years thy first, as yet thy age, is young and tender.*

FINIS.

Vale